

Recovery Plan Action Status

Plan Name: Sensitive Joint Vetch

Plan Status: Final

Plan Date: 29-Sep-95

Lead Agency: USFWS

Lead Office: Virginia Ecological Services Field Office

(804)

693-6694)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Sensitive joint-vetch (Aeschynomene virginica)	1	1	Determine salinity and inundation tolerances of the sensitive joint-vetch at all life history stages	Complete	FY 1995 - FY 1999	FY 2000 - FY 2004	Academic institutions, The Nature Conservancy, Center for Plant Conservation, State Conservation Agencies, National Biological Service , Region 5, Division of Ecological Services, USFWS Regional Office 4 - Ecological Services	Work type not yet selected	Labor type not yet selected	
Sensitive joint-vetch (Aeschynomene virginica)	3	10	Resurvey sites thought to have suitable habitat	Complete	FY 1995 - FY 1999	FY 2000 - FY 2004	Academic institutions, The Nature Conservancy, State Conservation Agencies, Region 5, Division of Ecological Services, USFWS Regional Office 4 - Ecological Services	Work type not yet selected	Labor type not yet selected	Plus 8k IN 1998
Sensitive joint-vetch (Aeschynomene virginica)	3	11	Document, monitor, and protect any newly discovered populations	Ongoing Not Current	FY 1995 - FY 1999		Academic institutions, The Nature Conservancy, State Conservation Agencies, Region 5, Division of Ecological Services, USFWS Regional Office 4 - Ecological Services	Work type not yet selected	Labor type not yet selected	No special funding. Costs covered in other tasks
Sensitive joint-vetch (Aeschynomene virginica)	3	12	Determine seed banking and seed dispersal capabilities	Unknown			Academic institutions, The Nature Conservancy, Center for Plant Conservation, State Conservation Agencies, Region 5, Division of Ecological Services	Work type not yet selected	Labor type not yet selected	

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Sensitive joint-vetch (Aeschynomene virginica)	3	13	Investigate the differences between marshes with and without sensitive joint-vetch populations	Unknown			Academic institutions, The Nature Conservancy, State Conservation Agencies, National Biological Service , Region 5, Division of Ecological Services, USFWS Regional Office 4 - Ecological Services	Work type not yet selected	Labor type not yet selected	Plus 7K in 1999
Sensitive joint-vetch (Aeschynomene virginica)	3	14	Examine factors affecting sensitive joint-vetch distribution within a given site	Unknown			Academic institutions, The Nature Conservancy, Center for Plant Conservation, State Conservation Agencies, National Biological Service , Region 5, Division of Ecological Services, USFWS Regional Office 4 - Ecological Services	Work type not yet selected	Labor type not yet selected	
Sensitive joint-vetch (Aeschynomene virginica)	3	15	Investigate the relative potential of sites to support sensitive joint-vetch populations or subpopulations	Ongoing Current	FY 2008		Academic institutions, The Nature Conservancy, State Conservation Agencies, National Biological Service , Region 5, Division of Ecological Services, USFWS Regional Office 4 - Ecological Services	Research: Habitat Status	Contract	5K/yr in 2000-2001
Sensitive joint-vetch (Aeschynomene virginica)	3	16	Develop a brochure on the importance of the sensitive joint-vetch and freshwater tidal wetlands	Complete	FY 1995 - FY 1999	FY 1995 - FY 1999	State Conservation Agencies, Region 5, Division of Ecological Services, USFWS Regional Office 4 - Ecological Services	Work type not yet selected	Labor type not yet selected	Plus 6K total for 2 reprints

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Sensitive joint-vetch (Aeschynomene virginica)	2	17	Alleviate site-specific threats to each population as the need and opportunity arise	Ongoing Current	FY 1995 - FY 1999		The Nature Conservancy, U.S. Army Corps of Engineers, State Conservation Agencies, Environmental Protection Agency, Region 5, Division of Ecological Services, USFWS Regional Office 4 - Ecological Services	Work type not yet selected	Labor type not yet selected	Plus 5K/yr periodically, 45K total
Sensitive joint-vetch (Aeschynomene virginica)	2	18	Seek permanent protection for known habitats	Ongoing Not Current	FY 1995 - FY 1999		Conservation Organizations, The Nature Conservancy, State Conservation Agencies, Region 5, Division of Ecological Services	Work type not yet selected	Labor type not yet selected	Assuming conservation easements, 50K total
Sensitive joint-vetch (Aeschynomene virginica)	2	19	Seek the cooperation and active support of private landowners and local governments	Ongoing Not Current	FY 1995 - FY 1999		Conservation Organizations, The Nature Conservancy, State Conservation Agencies, Region 5, Division of Ecological Services, USFWS Regional Office 4 - Ecological Services	Work type not yet selected	Labor type not yet selected	Standard operating costs
Sensitive joint-vetch (Aeschynomene virginica)	1	2	Refine the salinity model in order to more accurately predict the effects of water withdrawal projects	Unknown			Academic institutions, U.S. Army Corps of Engineers, State Conservation Agencies, Environmental Protection Agency, Region 5, Division of Ecological Services	Work type not yet selected	Labor type not yet selected	
Sensitive joint-vetch (Aeschynomene virginica)	2	20	Coordinate with the Corps of Engineers to ensure that permits issues do not jeopardize any sensitive joint-vetch populations	Ongoing Current	Prior to FY 1995		U.S. Army Corps of Engineers, State Conservation Agencies, Environmental Protection Agency, Region 5, Division of Ecological Services, USFWS Regional Office 4 - Ecological Services	Work type not yet selected	Labor type not yet selected	Standard operating costs

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Sensitive joint-vetch (Aeschynomene virginica)	2	21	Coordinate with the CBLAD and local planners to implement the Chesapeake Bay Preservation Act	Unknown			State Conservation Agencies, Region 5, Division of Ecological Services	Work type not yet selected	Labor type not yet selected	Standard operating costs
Sensitive joint-vetch (Aeschynomene virginica)	2	22	Coordinate with state agencies and Natural Heritage Programs to ensure that the sensitive joint-vetch receives the full protection of applicable state laws	Complete	Prior to FY 1995	Prior to FY 1995	The Nature Conservancy, State Conservation Agencies, Region 5, Division of Ecological Services, USFWS Regional Office 4 - Ecological Services	Work type not yet selected	Labor type not yet selected	Standard operating costs
Sensitive joint-vetch (Aeschynomene virginica)	2	23	Identify potential habitat and survey for presence of sensitive joint-vetch	Ongoing Current	FY 1995 - FY 1999		Academic institutions, The Nature Conservancy, State Conservation Agencies, Region 5, Division of Ecological Services, USFWS Regional Office 4 - Ecological Services	Work type not yet selected	Labor type not yet selected	Plus 10K in 1998
Sensitive joint-vetch (Aeschynomene virginica)	2	24	Develop and field test monitoring techniques that are consistent and reliable	Unknown			The Nature Conservancy, Center for Plant Conservation, State Conservation Agencies, National Biological Service , Region 5, Division of Ecological Services	Work type not yet selected	Labor type not yet selected	
Sensitive joint-vetch (Aeschynomene virginica)	2	25	Monitor populations	Ongoing Not Current	FY 1995 - FY 1999		Academic institutions, The Nature Conservancy, State Conservation Agencies, Region 5, Division of Ecological Services, USFWS Regional Office 4 - Ecological Services	Work type not yet selected	Labor type not yet selected	Monitor all populations at least every other year (7.5K) + priority populations every year (2.5K)

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Sensitive joint-vetch (Aeschynomene virginica)	2	3	Identify and resolve other issues pertaining to ecosystem protection	Unknown			Conservation Organizations, Academic institutions, The Nature Conservancy, Center for Plant Conservation, State Conservation Agencies, National Biological Service , Environmental Protection Agency , Region 5, Division of Ecological Services, USFWS Regional Office 4 - Ecological Services	Work type not yet selected	Labor type not yet selected	Periodic funding as needed. 72K total in 1998-2014
Sensitive joint-vetch (Aeschynomene virginica)	2	4	Participate in large-scale land use planning efforts throughout the species' range	Unknown			State Conservation Agencies, Region 5, Division of Ecological Services, USFWS Regional Office 4 - Ecological Services	Work type not yet selected	Labor type not yet selected	As allowed by opportunity. 100K total in 1998-2014
Sensitive joint-vetch (Aeschynomene virginica)	2	5	Delineate essential habitat	Ongoing Current	FY 2008		Academic institutions, The Nature Conservancy, State Conservation Agencies, Region 5, Division of Ecological Services, USFWS Regional Office 4 - Ecological Services	Research: Habitat Status	Contract	Revise as necessary
Sensitive joint-vetch (Aeschynomene virginica)	2	6	Determine the effects of exotic, invasive plant species	Unknown			Academic institutions, The Nature Conservancy, State Conservation Agencies, Region 5, Division of Ecological Services, USFWS Regional Office 4 - Ecological Services	Work type not yet selected	Labor type not yet selected	Plus 2K in 1998. Additional funding may be required in future

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Sensitive joint-vetch (Aeschynomene virginica)	2	7	Investigate the effects of boats and marinas on the sensitive joint-vetch	Unknown			Academic institutions, The Nature Conservancy, State Conservation Agencies, Region 5, Division of Ecological Services, USFWS Regional Office 4 - Ecological Services	Work type not yet selected	Labor type not yet selected	Plus 2K in 1999
Sensitive joint-vetch (Aeschynomene virginica)	3	8	Determine the effects of seed predation	Unknown			Academic institutions, The Nature Conservancy, State Conservation Agencies, Region 5, Division of Ecological Services, USFWS Regional Office 4 - Ecological Services	Work type not yet selected	Labor type not yet selected	Plus 3K/yr in 1998-2001
Sensitive joint-vetch (Aeschynomene virginica)	3	9	Determine the effects of herbivory	Unknown			Academic institutions, State Conservation Agencies, Region 5, Division of Ecological Services	Work type not yet selected	Labor type not yet selected	